Mounting

This is an indoor camera. It is not suitable for exposure to particles or liquids.

Please note the camera's operating temperature of -10°C ~ 45°C. Avoid using the camera at too high or too low temperatures.

Never make the camera face the sun or bright object or you may damage the image sensor.

Do not mount the camera near a radiator, heater, or other heat source.

Caution: Once power is supplied, do not remove the camera from the mounting base due to risk of electrical shock.

This camera uses a standard mounting bracket, sold separately.

This camera accepts lenses with a C/CS lens mount. Lens sold separately.

Troubleshooting

No picture after providing power

- Check the power connection to the power supply to the power outlet for connectivity.
- Check the power supply voltage.
- Check all connecting cable and monitors for loose connections.
- Check the monitor settings

The picture has interference or ripples

- This may be caused by the power supply's arc, poor quality cable, too long cable, or improper ground connection.

The picture background color changes continuously

- A fluorescent light's electromagnetic field may cause color roll. Reduce the number of fluorescent lights or increase the distance between the camera and the lights to reduce this effect. Use of a power supply with external sync may solve the problem.

Blurred Image

- Check the dome cover for dirt or imperfections
- Check the focus to make sure adjusted correctly
- Check the lens of the camera to make sure it is clean. Only use a dry, clean lens cloth to clean the lens. Never touch with your fingers.

ELI-EFB / EEFB

Analog Full Body Camera

Quick Start Guide

User Manuals and Specification Sheets are available at http://eLineTechnology.com

Caution: Before providing power for the camera, please read this Quick Start Guide or the User Manual in detail.

Do not attempt to disassemble the camera. If the camera is not functioning properly, please contact your local dealer/installer.

eLineTechnology.com

On-Screen Display (OSD) Settings

On the OSD control device on the back of the body, hit the center button to activate the OSD settings.

Exposure	LENS	ELC/DC
	HBL C/D-WDR	BLC/HLI/D-WDR
	AGC	OFF / LOW / MIDDLE / HIGH
	3D DNR	OFF / LOW / MIDDLE / HIGH
	SENSE-UP	AUTO / OF F / X2 / X4 / X8 / X16 / X32 / X64 / X128 / X256 / X512
	EXIT	
Color	WB MODE	ATW / MANUAL / AWC>PUSH / AWC
	R-Y-GAIN	0-256
	B-Y-GAIN	0-256
	EXIT	
Day & Night	D&N MODE	AUTO / COLOR / B&W / EXT
Function	MIRROR	ON / OFF
	SHARPNESS	0-30
	LSC	ON (0-30) / OFF
Motion	MOTION	ON / OFF
	AREA SEL	TOP / BOTTOM / LEFT / RIGHT
	SENSITI	0-30
	DISPLAY	OFF / ICON / TRACE
	HOLD TIME	0-15 Unit: sec
	ALARM	ON / OFF
	EXIT	
Privacy	MASK1-MASK8	ON / OFF
Setup	TITLE	OFF / ON 64 characters
	DPC	OFF / MANUAL:WHITE THR 0-255 / BLACK THR 0-255 / DPC LEVEL 0-255
	OLPF	650 / 850
	MONITOR	CRT / LCD
	GAMA	0.45 / 0.60 / 1.0 / USER
	EXIT	
System	CAMERA ID	0-255
	COMMUNI	PROTOCOL PELCO-D
		BAUDRATE: 2400 / 4800 / 9600 bps
	LANGUAGE	Chinese / English
	EXIT	
Exit	FACTORY SET	
	SAVE & EXIT	
	EXIT	

Connections

1. Use a BNC connector to connect the camera's VIDEO OUT to the monitor's (or DVRs) VIDEO IN. Use the following recommendations for cable types and distances:

Maximum Cable Length				
Type of Coaxial Cable	RG-59/U	RG-6/U	RG-11/U	RG-15/U
Recommended Max Cable Length	250 M 825 ft	500 M 1650 ft	600 M 1980 ft	800 M 2640 ft

2. The power is DC 12V (+/- 10%) / 350mA. Use the following recommendations for cable types and distances:

12V DC Recommended Wire Size and Resistance (68°F)				
Copper Wire Size (AWG)	#24 (0.22 mm^2)	#22 (0.33 mm^2)	#20 (0.52 mm^2)	#18 (0.83 mm^2)
Resistance (Ω/m)	0.078	0.050	0.03	0.018
Resistance (Ω/ft)	0.024	0.015	0.009	0.005
Use the formula below to calculate the power cord and power supply. "L", "R", "VA", "I" shall satisfy the inequality below: 10.8 V DC ≤ VA - 2 (R x I x L) ≤ 16 V DC L = Cord length (m or ft) R = Resistance of copper wire (Ω/m or Ω/ft} VA = DC output voltage of power supply unit I = DC current consumption (A).				

3. Connect power supply to the camera's POWER IN terminal.